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**NOTICE OF ALLOWANCE AND ISSUE FEE DUE**

B3M1/0820

JAMES A LABARRE  
BURNS DOANE SWECKER & MATHIS  
P O BOX 1404  
ALEXANDRIA VA 22313-1404

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/480,739	06/07/95	027	KRICK, R	2317 08/20/97
First Named Applicant	ZURAVLEFF, WILLIAM K.			

TITLE OF INVENTION SYSTEM FOR PLACING ENTRIES OF AN OUTSTANDING PROCESSOR REQUEST INTO A FREE POOL AFTER THE REQUEST IS ACCEPTED BY A CORRESPONDING PERIPHERAL DEVICE (AS AMENDED)

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 018414-148	395-292.000	074	UTILITY	NO	\$1290.00	11/20/97

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

- I. Review the SMALL ENTITY status shown above.  
If the SMALL ENTITY is shown as yes, verify your current SMALL ENTITY status:

If the SMALL ENTITY is shown as NO:

- A. If the status is changed, pay twice the amount of the FEE DUE shown and notify the Patent and Trademark Office of the change in status, or  
B. If the status is the same, pay the FEE DUE shown above.

A. Pay FEE DUE shown above, or

B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "6b" of Part B should be completed.

- III. All communications regarding this application must give application number and batch number.  
Please direct all communication prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Patents Issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/480,739	06/07/95	ZURAVLEFF	W 018414-148

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JAMES A LABARRE  
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EXAMINER	
KRICK, R	
ART UNIT	PAPER NUMBER
2317	8/C

DATE MAILED:

08/20/97

*attached*  
Please find ~~below~~ a communication from the EXAMINER in charge of this application.

Commissioner of Patents.

**Notice of Allowability**Application No.  
**08/480,739**

Applicant(s)

**Zuravleff et al**

#8/C

Examiner

**Rehana Perveen**

Group Art Unit

**2317**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to Amdt B filed on 5/22/97

☒ The allowed claim(s) is/are 1-14, 16, 17, 21-24, and 35-41

☐ The drawings filed on \_\_\_\_\_ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☒ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. \_\_\_\_\_

☐ including changes required by the proposed drawing correction filed on \_\_\_\_\_, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

**Attachment(s)**

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☒ Interview Summary, PTO-413

☒ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☐ Examiner's Statement of Reasons for Allowance

THOMAS C. LEE  
SUPERVISORY PATENT EXAMINER  
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**Part III EXAMINER'S AMENDMENT**

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

2. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Robert Babayi on 08/07/97.

***Election/Restriction***

3. Restriction to one of the following inventions is required under 35 U.S.C. 121:

Group I: Claims 1-14, 16, 17, 21-24, and 35-41, drawn to a non-blocking load buffer having variable length queues and a free pool of entries, classified in Class 395, subclass 292.

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Group II: Claims 18-20, 25, and 26, drawn to a system for limiting admission of prioritized memory or I/O, classified in Class 395, subclass 732.

Group III: newly added Claims 27-34, drawn to a buffer for a multiprocessor system running real time processes, classified in Class 395, subclass 250.

The inventions are distinct, each from the other because of the following reasons:

4. Inventions I, II, and III are disclosed as different combinations which are not connected in design, operation or effect. These combinations are independent if it can be shown that (1) they are not disclosed as capable of use together, (2) they have different modes of operation, (3) they have different functions, or (4) they have different effects. (MPEP 806.04, MPEP 808.01). In the instant case the combinations perform different functions and have different effect which are not connected in operation or effect.

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5. During a telephone conversation on 8/7/97, Mr. Robert Babayi elected without traverse to prosecute the invention of group I, claims 1-14, 16, 17, 21-24, and 35-41. Claims 18-20 and 25-34, are withdrawn from further consideration by the Examiner, 37 C.F.R. § 1.142(b), as being drawn to a non-elected invention. Claims 18-20 and 25-34 are therefore canceled in this instant application.

6. Cancel claims 18-20 and 25-34.

Claim 1,

.line 1, change "Once" to -- Twice --; and

.line 12, change "requesting processor" to read --  
peripheral device --.

7. Pursuant to MPEP 606.01, the title has been changed to read:

-- SYSTEM FOR PLACING ENTRIES OF AN OUTSTANDING PROCESSOR  
REQUEST INTO A FREE POOL AFTER THE REQUEST IS ACCEPTED BY A  
CORRESPONDING PERIPHERAL DEVICE --.

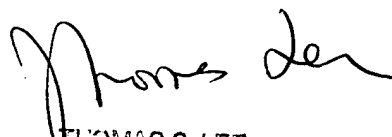
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8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rehana Perveen, whose telephone number is (703) 305-8476. The examiner can normally be reached Monday through Friday from 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas C. Lee, can be reached at (703) 305-9717. The fax phone number for this Group is (703) 308-5359.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

Rehana Perveen  
August 7, 1997

  
THOMAS C. LEE  
SUPERVISORY PATENT EXAMINER  
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